AMENDMENTS TO THE CLAIMS

A listing of the claims presented in this patent application appears below. This listing replaces all prior versions and listing of claims in this patent application.

Claim 1 (currently amended): A fine particle film comprising a substrate and plural number of protein fine particles which are arranged on the surface of said substrate in a plane direction parallel to the surface of said substrate,

wherein each of said protein fine particles is a modified apoferritin in which glycine at position 149 and glutamine at position 151 in SEQ ID NO. 2 are substituted with a basic amino acid;

said substrate is negatively charged;

each of adjacent two protein particles has a $-COO^-$ group; and

a divalent cation is sandwiched between the $-COO^-$ groups carried by said adjacent two protein particles, respectively ~~fine particles has plural number of first binding sites and one or more second binding sites respectively comprising a condensed amino acid, each of said first binding sites binds to other first binding site carried by an adjacent fine particle, said second binding site binds to said substrate, and at least a part of the condensed amino acids constituting said second binding site are substituted~~.

2 (Currently amended) The fine particle film according to claim 1, wherein glycine at position 149 in SEQ ID NO. 2 is substituted with lysine ~~at least a part of the condensed amino acids constituting said second binding site is a basic amino acid~~.

3 (Currently amended) The fine particle film according to claim [[2]] 1, wherein glutamine at position 151 in SEQ ID NO. 2 is substituted with lysine ~~said substrate is negatively charged~~.

4 (Currently amended) The fine particle film according to claim 1, wherein glycine at position 149 in SEQ ID NO. 2 is substituted with lysine and glutamine at position 151 in SEQ ID NO. 3 is substituted with lysine ~~at least a part of the condensed amino acids constituting said second binding site is an acidic amino acid~~.

5 (Currently amended) The fine particle film according to claim [[4]] 1, wherein said divalent cation is Cd^{2+} ~~said substrate is positively charged~~.

6-21. (Canceled)